

Title (en)

Thermoplastic polymer blend of isotactic polypropylene and alpha-olefin/propylene copolymers

Title (de)

Thermoplastische Polymermischungen aus isotaktischem Polypropylen und alpha-olefin/propylen Copolymeren

Title (fr)

Melanges de polymeres thermoplastiques renfermant du polypropylene isotactique et des copolymeres alpha-olefine/propylene

Publication

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Application

EP 02007312 A 19980723

Priority

- EP 98936797 A 19980723
- US 91000197 A 19970812

Abstract (en)

Improved thermoplastic polymer blend compositions comprising an isotactic polypropylene component and an alpha-olefin and propylene copolymer component, said copolymer comprising crystallizable alpha-olefin sequences. In a preferred embodiment, improved thermoplastic polymer blends are provided comprising from about 35% to about 85% isotactic polypropylene and from about 30% to about 70% of an ethylene and propylene copolymer, wherein said copolymer comprises isotactically crystallizable propylene sequences and is predominately propylene. The resultant blends manifest unexpected compatibility characteristics, increased tensile strength, and improved process characteristics, e.g., a single melting point.

IPC 1-7

C08L 23/10; **C08L 23/12**; **C08F 210/06**

IPC 8 full level

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CPC (source: EP KR US)

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Citation (applicant)

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Citation (search report)

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